MOUNTAIN_VIEW_SENIOR_CENTER-203106

SYMBOLS LIST

Symbol	Description
—T—	TELEPHONE SYSTEM CONDUIT AND PULLWIRE; 3/4" U.O.N.
—C—	COMPUTER/DATA SYSTEM CONDUIT AND PULLWIRE; 3/4" U.O.N.
—D—	TELEPHONE/DATA SYSTEM CONDUIT AND PULLWIRE; 3/4" U.O.N.
—G—	#4/0 COPPER GROUNDING ELECTRODE CONDUCTOR, U.O.N.
AC-1	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
FA1	LIGHT FIXTURE TYPE - SEE LIGHTING FIXTURE SCHEDULE
3 / E7.1	DETAIL DESIGNATION, SEE DETAIL 3, SHEET E7.1
1	NUMBERED SHEET NOTE
A.F.F.	ABOVE FINISHED FLOOR
C	CONDUIT
CATV	CABLE TV
C.O.	CONDUIT ONLY
CU	COPPER
(E)	EXISTING
(EX)	EXISTING EQUIPMENT TO BE DISCONNECTED AND REMOVED
E.C.	ELECTRICAL CONTRACTOR
(ER)	EXISTING EQUIPMENT TO BE RELOCATED
GFI	GROUND FAULT CURRENT INTERRUPTING TYPE RECEPTACLE
LV	LOW VOLTAGE
MLO	MAIN LUGS ONLY
MTD	MOUNTED
(N)	NEW
N.E.C.	NATIONAL ELECTRIC CODE
N.I.E.C.	NOT IN ELECTRICAL CONTRACT
NL	NIGHT LIGHT FIXTURE WITH BATTERY PACK, ON 24 HOURS
P	INDICATES FIXTURES ON PHOTOCELL CONTROL
PA	PUBLIC ADDRESS
PNL	PANEL
S.A.D.	SEE ARCHITECTURAL DRAWINGS
T	INDICATES FIXTURES ON TIMECLOCK CONTROL
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
U.O.N.	UNLESS OTHERWISE NOTED
3PG	2-POLE, 3-WIRE GROUNDING TYPE.
VAV	VAV BOX, SEE DIV 15 DRAWINGS FOR LOCATIONS.
M	UTILITY METER
CTS	CURRENT TRANSFORMERS
30A 3P	CIRCUIT BREAKER. NUMBER INDICATES 30A 3-POLE
1504N	FEEDER SIZE. SEE POWER SINGLE LINE DIAGRAMS
	FLOOR OUTLET - SEE 12/E7.1
	EMERGENCY CALL BUTTON
C	CEILING MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR; WATTSTOPPER #WPIR, OR EQUAL.
P	OCCUPANCY SENSOR POWER PACK MOUNTED IN CONCEALED ACCESSIBLE LOCATION WATTSTOPPER #BZ-100, OR EQUAL.
D	DAYLIGHT CONTROL PHOTOCELL; WATTSTOPPER #LS-19OC, OR EQUAL.
DD	DAYLIGHT CONTROL DIMMER WALL SWITCH; WATTSTOPPER #LS-4, OR EQUAL.
	MAIN SWITCHBOARD, DISTRIBUTION PANEL OR MOTOR CONTROL CENTER
	FLUSH MOUNTED PANELBOARD, 6'-6" TO TOP
	SURFACE MOUNTED PANELBOARD, 6'-6" TO TOP - SEE 4/E7.1

NOTES: SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR BID ALTERNATES.

ALL RECEPTACLES TO BE 20 AMP RATED.

LIST OF DRAWINGS

E0.1 SYMBOLS LIST, GENERAL NOTES & LIST OF DRAWINGS
E0.2 LIGHTING FIXTURE SCHEDULE
E0.3 TITLE 24 DOCUMENTATION

E1.1 SITE PLAN ELECTRICAL - EAST
E1.2 SITE PLAN ELECTRICAL - WEST

E2.1 FLOOR PLAN - LIGHTING

E3.1 FLOOR PLAN - POWER AND SIGNAL
E3.2 FLOOR PLAN - FIRE ALARM
E3.3 FLOOR PLAN - AV SYSTEM

E4.1 PARTIAL PLANS
E4.2 FOOD SERVICE - ELECTRICAL PLAN

E5.1 SINGLE LINE DIAGRAM - POWER
E5.2 SINGLE LINE DIAGRAMS
E5.3 SINGLE LINE DIAGRAM - TELECOM/DATA SYSTEM
E5.4 SINGLE LINE DIAGRAMS
E5.5 SINGLE LINE DIAGRAM - LOW VOLTAGE LIGHTING & SCHEDULES

E6.1 PANEL SCHEDULE

E7.1 DETAILS
E7.2 DETAILS
E7.3 DETAILS

SYMBOLS LIST

Symbol	Description
	20A 3PG 125V DUPLEX RECEPTACLE, UP 18" U.O.N.
	20A 3PG 125V DUPLEX RECEPTACLE, WEATHERPROOF, UP 18" U.O.N.
GFI	20A 3PG 125V DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTER TYPE, UP 18" U.O.N.
IG	20A 3PG 125V DUPLEX RECEPTACLE, ISOLATED GROUND TYPE, UP 18" U.O.N.
T	20A 3PG 125V DUPLEX RECEPTACLE, TAMPER RESISTANT, UP 18" U.O.N.
	20A 3PG 125V DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER, U.O.N.
	20A 3PG 125V DOUBLE DUPLEX RECEPTACLE, UP 18" U.O.N.
	20A 3PG 125V DOUBLE DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER, U.O.N.
	20A 3PG 125V DOUBLE DUPLEX RECEPTACLE, HALF-SWITCHED, UP 18" U.O.N.
	15A 3PG 125V SINGLE RECEPTACLE, UP 18" U.O.N.
	20A 3PG 125V SINGLE TWISTLOCK RECEPTACLE, NEMA L5-20R, UP 18" U.O.N.
	SPECIAL RECEPTACLE AS INDICATED ON PLANS
	FLUSH IN FLOOR OUTLET BOX WITH QUANTITY OF 20A 3PG 125V DUPLEX RECEPTACLES AS INDICATED ON PLANS
T	LINE VOLTAGE THERMOSTAT, PROVIDED & INSTALLED BY DIV. 15, CONNECTED COMPLETE BY DIV. 16
	SURFACE MOUNTED WIREMOLD RACEWAY WITH RECEPTACLES AS INDICATED ON PLANS
	TERMINAL MOUNTING BACKBOARD, 3/4" PLYWOOD, DIMENSIONS AS NOTED ON PLANS, PAINT TO MATCH ADJACENT WALL SURFACE, MAINTAINING UL FIRE LABEL VISIBLE.
	TELEPHONE OUTLET, UP 18" U.O.N.
W	TELEPHONE OUTLET, UP 48" U.O.N.
	COMBINED TELEPHONE/DATA OUTLET, UP 18" U.O.N.
	INTERCOM HANDSET, UP 48" U.O.N.
	WALL MOUNTED CLOCK OUTLET, SEE ARCHITECTURAL FOR LOCATION
TV	WALL MOUNTED TV OUTLET, SEE ARCHITECTURAL FOR LOCATION
S	FLUSH CEILING MOUNTED P. A. SPEAKER
S	FLUSH WALL MOUNTED INDOOR PUBLIC ADDRESS SPEAKER
S	FLUSH WALL MOUNTED OUTDOOR WEATHERPROOF PUBLIC ADDRESS SPEAKER
V	WALL MOUNTED VOLUME CONTROL, UP 48" U.O.N.
F	FIRE ALARM SYSTEM INTELLIGENT MANUAL PULL STATION, UP 48" U.O.N.
F 110	FIRE ALARM SYSTEM HORN/STROBE, UP 80" U.O.N. NUMBER ADJACENT INDICATES CANDELA VALUE FOR STROBE
F 110	WEATHERPROOF FIRE ALARM SYSTEM HORN/STROBE UP 80" U.O.N. NUMBER ADJACENT INDICATES CANDELA VALUE FOR STROBE.
S 110	FIRE ALARM SYSTEM STROBE, UP 80" U.O.N. NUMBER ADJACENT INDICATES CANDELA VALUE FOR STROBE
FS	FIRE ALARM SYSTEM SPRINKLER FLOW SWITCH. PROVIDE MONITOR MODULE.
TS	FIRE ALARM SYSTEM SPRINKLER VALVE SUPERVISORY SWITCH. PROVIDE MONITOR MODULE
PIV	POST INDICATING VALVE
C	FIRE ALARM CONTROL MODULE
M	FIRE ALARM MONITORING MODULE
S	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR
S E	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR PROGRAMMED FOR AUTOMATIC RECALL OF ELEVATOR
H	FIRE ALARM SYSTEM CEILING MOUNTED HEAT DETECTOR
D	FIRE ALARM SYSTEM HVAC DUCT MOUNTED SMOKE DETECTOR. COORDINATE WITH DEV. 15 FOR SUPPLY, INSTALL AND COMPLETE CONNECTION (INCLUDING CONTROL OF HVAC EQUIPMENT) - SEE SPECIFICATIONS
H	FIRE ALARM MAGNETIC DOOR HOLD-OPEN
	FIRE ALARM SYSTEM END-OF-LINE RESISTOR
FSD	FIRE SMOKE DAMPER BY DIVISION 15. COORDINATE WITH DIVISION 15 FOR MONITORING TO FIRE ALARM SYSTEM (INCLUDING SMOKE DETECTOR PROVISIONS). CONTROL OF DAMPER TO BE BY DIVISION 15, U.O.N.
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
K	SECURITY KEY PAD
M	SECURITY MOTION SENSOR, CEILING MOUNTED
M	SECURITY MOTION SENSOR, WALL MOUNTED
DC	SECURITY SYSTEM DOOR CONTACT.
WC	SECURITY SYSTEM WINDOW CONTACT
GB	SECURITY GLASS BREAK SENSOR, CEILING MOUNTED
D	DURESS ALARM PUSH BUTTON
SACP	SECURITY ALARM CONTROL PANEL
	WEATHERPROOF ENCLOSURE
	CONDUIT AND WIRE CONCEALED IN CEILING OR WALL
	CONDUIT AND WIRE CONCEALED IN OR UNDER SLAB OR UNDERGROUND
	CONDUIT AND WIRE RUN EXPOSED
	CROSSMARKS INDICATE QUANTITY OF #12 CONDUCTORS PLUS PARITY SIZED GROUND CONDUCTOR (INCLUDED BUT NOT INDICATED), NO HASHMARKS INDICATES 2-#12 CONDUCTORS PLUS PARITY SIZED GROUND CONDUCTOR, U.O.N.
(#10)	WIRE SIZE #10 AWG FOR ALL CONDUCTORS, INCLUDING GROUND WIRE, THROUGHOUT THE COMPLETE CIRCUIT.
	FLEXIBLE METALLIC CONDUIT
	HOMERUN TO PANELBOARD OR TERMINAL BOARD, AS NOTED ON PLANS
	COMPLETE CONNECTION OF EQUIPMENT
	CONDUIT STUBBED OUT, CAPPED AND MARKED - SEE 10/E7.1
	CONDUIT TURNED UP - SEE 7/E7.1
	CONDUIT TURNED DOWN

SYMBOLS LIST

Symbol	Description
	RECESSED FLUORESCENT 2'x2' AND 4'x4' "SKYLIGHT" FIXTURE
	RECESSED 2'x2', 2'x4' OR 1'x4' LENSED FLUORESCENT FIXTURE
	RECESSED 2'x2', 2'x4' FLUORESCENT FIXTURE WITH PERFORATED METAL SHIELD
NL	INDICATES NITELITE FIXTURE ON 24 HOURS
	PENDANT MOUNTED FLUORESCENT UPLIGHT FIXTURE INDICATES AIRCRAFT CABLE SUPPORT POINT (VERIFY WITH MANUFACTURER) INDICATES PENDANT ELECTRICAL FEED POINT (VERIFY WITH MANUFACTURER)
	SURFACE CEILING, WALL OR COVE MOUNTED FLUORESCENT FIXTURE
	UNDER CABINET FIXTURE
	SURFACE OR PENDANT MOUNTED FLUORESCENT STRIP FIXTURE
	SURFACE CEILING MOUNTED COMPACT FLUORESCENT, H.I.D. OR INCANDESCENT FIXTURE
	PENDANT MOUNTED COMPACT FLUORESCENT, H.I.D. OR INCANDESCENT FIXTURE.
	ADJUSTABLE H.I.D. OR INCANDESCENT RECESSED ACCENT LIGHT FIXTURE. ARROW INDICATES AIMING DIRECTION.
	COMPACT FLUORESCENT, H.I.D. OR INCANDESCENT RECESSED DOWNLIGHT FIXTURE
	COMPACT FLUORESCENT, H.I.D. OR INCANDESCENT RECESSED WALLWASH FIXTURE
	WALL MOUNTED COMPACT FLUORESCENT, H.I.D. OR INCANDESCENT FIXTURE
	WALL MOUNTED COMPACT FLUORESCENT, H.I.D. OR INCANDESCENT FIXTURE
	POLE MOUNTED H.I.D. AREA LIGHTING FIXTURE; ARROW INDICATES DIRECTION OF LIGHT DISTRUBUTION.
	EXTERIOR H.I.D. BOLLARD FIXTURE
	FLUSH IN-GROUND H.I.D. ACCENT UPLIGHT; ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION
	FLUSH IN-GROUND H.I.D. WALLWASH UPLIGHT; ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION
	STEM MOUNTED SIGN LIGHT
	WALL MOUNTED EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY BACK-UP WHERE NOTED ON FIXTURE SCHEDULE, ARROWS AS NOTED ON PLANS. HATCHED AREA INDICATES NUMBER OF FACES.
	WALL MOUNTED LOW LEVEL EXIT SIGN
	CEILING MOUNTED EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY BACK-UP WHERE NOTED ON FIXTURE SCHEDULE, ARROWS AS NOTED ON PLANS. HATCHED AREA INDICATES NUMBER OF FACES.
Sa	LINE VOLTAGE SINGLE POLE TOGGLE SWITCH, LETTER ADJACENT INDICATES RESPECTIVE ZONE CONTROLLED, UP 48" U.O.N.
S2	LINE VOLTAGE TWO POLE TOGGLE SWITCH, UP 48" U.O.N.
S3	LINE VOLTAGE THREE-WAY TOGGLE SWITCH, UP 48" U.O.N.
Sk	LINE VOLTAGE KEY OPERATED TOGGLE SWITCH INSTALLED AT EQMP. SHOWN.
Sm	LINE VOLTAGE MOTOR RATED TOGGLE SWITCH
Sp	LINE VOLTAGE TOGGLE SWITCH WITH PILOT LIGHT, LIGHT IS ON WHEN CIRCUIT IS OPEN, UP 48" U.O.N.
4 S	LOW VOLTAGE DATALINE SWITCH, UP 48" U.O.N. - SEE LOW VOLTAGE RELAY SCHEDULE. NUMBER INDICATES QUANTITY OF BUTTONS; LETTERING INDICATES RESPECTIVE ZONES CONTROLLED.
D a 1000W	WALL MOUNTED LINE VOLTAGE INCANDESCENT SLIDE DIMMER, RATING AS REQUIRED BY INDIVIDUAL LOAD; LOWER CASE LETTER ADJACENT INDICATES LIGHTING ZONE CONTROLLED, UP 48" U.O.N.
DL b	WALL MOUNTED LOW VOLTAGE INCANDESCENT SLIDE DIMMER SWITCH, RATING AS REQUIRED BY INDIVIDUAL LOAD; LOWER CASE LETTER ADJACENT INDICATES LIGHTING ZONE CONTROLLED, UP 48" U.O.N.
DF b	WALL MOUNTED FLUORESCENT DIMMER SWITCH, RATING AS REQUIRED BY INDIVIDUAL LOAD; LOWER CASE LETTER ADJACENT INDICATES LIGHTING ZONE CONTROLLED, UP 48" U.O.N.
OS	WALL MOUNTED SINGLE SWITCH INFRARED OCCUPANCY SENSOR; UP 48" U.O.N.; WATTSTOPPER #WA-200, OR EQUAL, SET TO FIXED 30 MINUTE TIME DELAY AND MAX SENSITIVITY.
a DS b	WALL MOUNTED DUAL SWITCH INFRARED OCCUPANCY SENSOR; UP 48" U.O.N; WATTSTOPPER #WA-300, OR EQUAL, SET TO FIXED 30 MINUTE TIME DELAY AND MAX SENSITIVITY.
	FUSED EQUIPMENT DISCONNECT SWITCH WITH FUSE SIZE AS RECOMMENDED BY EQUIPMENT MANUFACTURER
	MOTOR DISCONNECT SWITCH; HORSEPOWER RATED, NON FUSED.
	COMBINATION MAGNETIC MOTOR STARTER, MOTOR CIRCUIT PROTECTOR AND FUSIBLE DISCONNECT.
	MAGNETIC MOTOR STARTER
	MANUAL MOTOR STARTER WITH OVERLOAD PROTECTION
	MOTOR WITH FLEXIBLE CONDUIT CONNECTION AND DISCONNECT.
	TRANSFORMER
	CONCRETE PULLBOX, SIZE AS REQUIRED OR SHOWN - CHRISTY OR EQUAL WITH LABELED LID PER USE
	COPPER GROUND ROD - 3/4"Ø x 10'-0" LONG
J	FLUSH CEILING MOUNTED JUNCTION BOX, U.O.N.
J	FLUSH WALL MOUNTED JUNCTION BOX, UP 18" U.O.N.
J	JUNCTION BOX FLUSH FLOOR MOUNTED.

GENERAL SHEET NOTES

1. PRIOR TO BID THE CONTRACTOR SHALL VISIT THE SITE TO ADEQUATELY DETERMINE ALL PRE-EXISTING CONDITIONS. BY THE ACT OF SUBMITTING A BID, THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING, TO HAVE ACCEPTED SUCH CONDITIONS, AND TO HAVE MADE ALLOWANCES THEREFORE IN PREPARING THE BID.
2. PROVIDE PARITY SIZED GREEN GROUND WIRE IN ALL POWER CONDUITS, BRANCH CIRCUITS (LIGHTING & POWER) AND HOMERUNS. PROVIDE ADDITIONAL ISOLATED GROUND, GREEN WITH YELLOW STRIPE, TO ALL ISOLATED GROUND RECEPTACLES.
3. PROVIDE PULLROPE IN ALL EMPTY CONDUITS THROUGHOUT THE PROJECT.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATION & CONNECTION REQUIREMENTS OF ALL LIGHTING FIXTURES. COORDINATE LOCATIONS OF ALL LIGHTING FIXTURES, OUTLETS AND JUNCTION BOXES WITH DIVISION 15 PRIOR TO ROUGH-IN.
5. REFER TO MECHANICAL PLANS FOR EXACT LOCATION OF ALL MECHANICAL EQUIPMENT. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH DIVISION 15 PRIOR TO ROUGH-IN. VERIFY EXACT REQUIREMENTS FOR VOLTAGE, PHASE, HORSE-POWER, OR KVA RATINGS, OF ALL DIVISION 15 EQUIPMENT REQUIRING ELECTRICAL CONNECTION.
6. VERIFY EXACT CONNECTION REQUIREMENTS, OUTLET TYPE, HEIGHT, AND LOCATION OF ALL OWNER SUPPLIED EQUIPMENT OR EQUIPMENT PROVIDED UNDER OTHER SECTIONS OF THE SPECIFICATIONS PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR EQUIPMENT LOCATIONS.
7. COORDINATE TRENCHING WITH OWNER AND OTHER TRADES BEFORE BEGINNING WORK.
8. ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED WALLS AND FLOORS SHALL BE SEALED AND EQUIPPED WITH U.L. LISTED FIRE PENETRATION ASSEMBLIES TO MAINTAIN FIRE SEPARATION RATING.
9. DO NOT INSTALL ANY OUTLETS BACK TO BACK IN STUD WALLS OR DE-MOUNTABLE PARTITIONS.
10. THE CONTRACTOR SHALL VERIFY ALL CEILING TYPES BEFORE ORDERING OF FIXTURES. ALSO VERIFY THAT ALL FEATURES CALLED FOR IN FIXTURE DESCRIPTIONS ON THE FIXTURE SCHEDULE ARE INCLUDED WITH CATALOG NUMBERS LISTED ON THE FIXTURE SCHEDULE AND ARE INCLUDED AS PART OF THE LIGHTING SUBMITTALS FOR THIS PROJECT. IF A DISCREPANCY EXISTS, CONTACT THE ARCHITECT AND ELECTRICAL ENGINEER FOR CLARIFICATION PRIOR TO BID.
11. CIRCUITRY AND CONDUIT ROUTING SHOWN ON THE PLANS IS DIAGRAMMATIC ONLY. THIS CONTRACTOR IS RESPONSIBLE FOR BECOMING COMPLETELY FAMILIAR WITH THE ARCHITECTURAL AND STRUCTURAL CONDITIONS AND LIMITATIONS IN THE BUILDING AND TO PROVIDE ALL LABOR, TOOLS AND MATERIALS REQUIRED TO PRODUCE A COMPLETELY CONCEALED INSTALLATION WHEREVER INDICATED ON THE PLANS.
12. MAINTAIN "AS-BUILT" RECORDS AT ALL TIMES, SHOWING EXACT LOCATION OF ALL UNDERGROUND AND/OR CONCEALED CONDUITS AND SERVICES INSTALLED UNDER THIS CONTRACT, INCLUDING CIRCUIT IDENTIFICATION WHERE APPLICABLE. PROVIDE OWNER WITH "AS-BUILT" DOCUMENTS AS INDICATED IN THE SPECIFICATIONS.
13. DRAWINGS INDICATE THE LOCATION OF DEVICES, FIXTURES AND EQUIPMENT AND THE CIRCUIT NUMBER AND PANEL DESIGNATION WHICH SUPPLIES THEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY CONNECTING ALL ELECTRICAL DEVICES TO CIRCUITS INDICATED ON THE DRAWINGS.
14. UNLESS OTHERWISE NOTED, ALL WORK SHOWN ON DRAWINGS IS NEW AND TO BE PROVIDED AND INSTALLED UNDER THIS CONTRACT.
15. ALL EQUIPMENT GROUNDING SHALL CONFORM TO ARTICLE 250 OF THE NATIONAL ELECTRIC CODE, LATEST EDITION.
16. ALL EXTERIOR CONDUIT ABOVE GRADE INCLUDING ALL ROOF MOUNTED CONDUIT, SHALL BE RIGID GALVANIZED STEEL. COAT ALL EXPOSED THREADS WITH GALVANIZING PAINT.
17. ALL ELECTRICAL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C., AS WELL AS STATE, AND LOCAL CODES AND REQUIREMENTS.
18. ALL CONDUIT SHALL BE CONCEALED, UNLESS OTHERWISE NOTED.
19. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE AVAILABLE SHORT CIRCUIT CURRENT AT THE MAIN SWITCHBOARD INCOMING TERMINALS WITH THE UTILITY COMPANY, AND TO VERIFY THAT ALL POWER AND SIGNAL SERVICE PROVISIONS, INCLUDING PADS, CONDUITS, PULLBOXES AND CLEARANCES MEET THE UTILITY COMPANIES' REQUIREMENTS PRIOR TO INSTALLATION.
20. EQUIPMENT OVERLOADS AND FUSES SHALL BE PROVIDED AND INSTALLED AS PER NAME PLATE ON THE EQUIPMENT ACTUALLY PURCHASED.
21. THE CONTRACTOR SHALL PAY FOR ALL REQUIRED PERMITS AND INSPECTION FEES.
22. THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
23. ALL EXIT SIGNS SHALL COMPLY WITH THE RELEVANT PORTIONS OF SECTIONS 1003 AND 1007 OF THE CBC.
24. ALL DIVISION 15 EQUIPMENT LINE AND LOW VOLTAGE CONTROL WIRING AND RACEWAY SHALL BE PROVIDE AND INSTALLED BY DIVISION 15 U.O.N.
25. COORDINATE INSTALLATION OF ALL RECESSED LIGHT FIXTURES WITH DIVISION 15 PRIOR TO INSTALLATION OF HVAC DUCTS AND SPRINKLER HEADS. ENSURE AFTER INSTALLATION OF FIXTURES THAT THERE IS NO CONTACT BETWEEN DUCTS AND FIXTURES TO AVOID VIBRATION IN FIXTURES.
26. COORDINATE LENGTHS OF WIRE WHIPS CONNECTING MASTER FIXTURES AND SLAVE FIXTURES TO ACCOMMODATE THE SPACING BETWEEN FIXTURES.
27. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR ALL BRANCH CIRCUITS FEEDING OUTLETS AS NOTED ON THE DRAWINGS.
28. FOR FLUSH MOUNTED PANEL BOARDS THE CONTRACTOR SHALL STUB FOUR(4) 3/4" CONDUITS FROM THE PANEL INTO THE ACCESSIBLE CEILING ABOVE FOR FUTURE CIRCUITS.
29. ALL CONDUIT CONNECTORS TO OUTLET OR JUNCTION BOXES SHALL HAVE INSULATED THROATS (MANUFACTURED AS AN INTEGRAL PART OF THE CONNECTOR). AFTER-MARKET INSERTABLE THROATS ARE NOT ACCEPTABLE.
30. ALL CIRCUITS IN ALL JUNCTION BOXES AND DEVICES SHALL BE CLEARLY IDENTIFIED BY MEANS OF "EZ" NUMBERING TAGS OR EQUIVALENT TO IDENTIFY THE CIRCUIT NUMBER OR RELAY SUPPLYING THE CONDUCTOR. ALL JUNCTION BOXES SHALL BE LABELED PER SPECIFICATIONS SECTION 16050.
31. ALL SURFACE MOUNTED POWER AND SIGNAL BOXES IN FINISHED AREAS SHALL BE WIREMOLD TYPE WITH MATCHING RACEWAYS. SURFACE MOUNTED STEEL JUNCTION BOXES AND/OR EMT ARE NOT ACCEPTABLE.
32. ALL LOCATIONS OF BARE METAL SURFACE MOUNTED CONDUIT, BOXES, PANEL COVERS, AND RELATED FITTINGS OR ACCESSORIES INSTALLED IN FINISHED AREAS (BOTH INTERIOR AND EXTERIOR) SHALL BE FINISH PAINTED TO MATCH THE SURFACE TO WHICH THEY ARE MOUNTED TO (AFTER INSTALLATION). PAINTING SHALL INCLUDE DIFFERENT COLORS AS REQUIRED TO MATCH EXISTING STRIPING OR OTHER BUILDING FEATURES TO WHICH THE EQUIPMENT IS ATTACHED AND VISIBLE. VERIFY EXACT LOCATION AND ROUTING WITH ARCHITECT PRIOR TO ROUGH.
33. PROVIDE A BLANK COVER PLATE (COLOR TO MATCH ADJACENT DEVICES OR AS SPECIFICALLY CALLED FOR IN SPECIFICATIONS) FOR ALL JUNCTION BOXES (NEW AND EXISTING) ON THE PROJECT WHEN NO DEVICE IS INSTALLED.
34. ALL EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND PROPERLY LABELED.
35. ALL ELECTRICAL PENETRATIONS OF FIRE WALLS SHALL COMPLY WITH CBC SECTION 709.6, EXCEPTION, AND 709.7 EXCEPTIONS 1 & 2. IF THE PENETRATIONS CANNOT COMPLY WITH EXCEPTIONS THEN SUBMIT A LISTED PENETRATION FIRE STOP SYSTEM AS SPECIFIED IN CBC SECTION 709.6.3 TO THE CITY FOR APPROVAL PRIOR TO INSTALLATION.

O'MAHONY & MYER
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MOUNTAIN VIEW SENIOR CENTER

266 ESCUELA AVE
MOUNTAIN VIEW, CA

DATE: APRIL 18, 2005

REVISIONS:

CONSTRUCTION SET

SHEET TITLE:

SYMBOL LIST, GENERAL NOTES & LIST OF DRAWINGS

DRAWN BY: TV
CHECKED BY: PJC
JOB NO: 203106

SHEET E0.1

Apr 14, 2005 - 11:41am lnichols P:\2003\MOUNTAIN_VIEW_SENIOR_CENTER-203106\CAD_E0.1-MVSC.dwg

MOUNTAIN_VIEW_SENIOR_CENTER-203106

FIXTURE SCHEDULE

MC	DESCRIPTION:	METAL HALIDE BOLLARD WITH 8" SQ. BY 43" HIGH MEDIUM SAND BLASTED CONCRETE SHAFT, DIE CAST ALUMINUM TOP CAP SECURED TO LOUVERS BY CONCEALED STAINLESS STEEL ALLEN SCREWS, SHARP CUTOFF LOUVERS, ONE PIECE MOLDED/ INTERNAL FLUTED GLASS LAMP ENCLOSURE, MED. BASE PORCELAIN SOCKET, PULSE START BALLAST, 4 ZINC PLATED ANCHOR BOLTS, TGIC THERMOSET POLYESTER POWDER COAT PAINT, BROWN CONCRETE AND DARK BRONZE LUMINAIRE FINISHES, MODIFIED WITH WEATHERPROOF 20 AMP GFCI DUPLEX RECEPTACLE RECESSED IN SHAFT.
	MANUFACTURER:	KIM #ENG-VSB1C-70MH120-DB-P-BR-C
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U/MED/3K
	WATTAGE:	95
	VOLTAGE:	120
ME2	DESCRIPTION:	FLUSH IN GRADE METAL HALIDE UPLIGHT; MOLDED CORROSION-FREE REINFORCED COMPOSITE HOUSING, DUAL AXIS LOCKING STAINLESS STEEL AIMING BRACKET, 360 HORIZONTAL AND 14 VERTICAL DEGREES ADJUSTABLE, CERAMIC LAMP SOCKET, SPOT REFLECTOR, INTEGRAL AND REMOVABLE GEAR TRAY, ANTI-SIPHON VALVE WIREWAY, WATER-TIGHT CONNECTIONS, TRACTION CONTROL SLIP RESISTANT TEMPERED FLAT GLASS LENS SUITABLE FOR WALK-OVER, SILICONE O-RING AT FACEPLATE WITH HERMETIC OPTICAL ENCLOSURE SEAL, SOLID MACHINED ALUMINUM FACEPLATE, CONCRETE POUR COLLAR, STAINLESS STEEL CAPTIVE MOUNTING SCREWS, BRONZE TGIC POLYESTER POWDER COAT FINISH, ACCESSORY HOLDER WITH HONEYCOMB BAFFLE, NOMINAL 7" DIAMETER X 14.5" DEEP.
	MANUFACTURER:	BK LIGHTING #S-CO2-T635-SP-TR-0-BZP-11-AH-CPC-TCL
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH39T6/830
	WATTAGE:	50
	VOLTAGE:	277
MF	DESCRIPTION:	RECESSED METAL HALIDE ACCENT; STEEL HOUSING, PLASTER FRAME AND TRIM ASSEMBLY, GALVANIZED J-BOX ASSEMBLY, REMOVABLE TRIM SLEEVE, TWO PAR38 LAMPS WITH LOCKING 380 HORIZONTAL AND 45 VERTICAL DEGREE ADJUSTABLE BEZELS, RETRACTABLE YOKE, UP TO TWO OPTIONAL OPTICAL ACCESSORIES PER LAMP, VENT HOLES AND THERMAL PROTECTION, J-BOX LISTED FOR THROUGH BRANCH CIRCUITING, 29.8" OAL X 9.1" OAH X 10.75" OAW, 17. 24" X 8.5" APERTURE, TRIM AND INTERIOR FINISHES TO BE SELECTED BY ARCHITECT.
	MANUFACTURER:	RSA LIGHTING #CO320MH-PT-PT-70-RT-277
	BALLAST:	ELECTRONIC
	LAMPS:	(2) SEE REMARKS
	WATTAGE:	190
	VOLTAGE:	277
	REMARKS:	LAMP: PHILIPS CDM70/PAR30L/M/SP
MG	DESCRIPTION:	IN-GRADE METAL HALIDE UPLIGHT; ONE PIECE CAST BRONZE ABOVE GRADE HOUSING, BLACKENED STAINLESS STEEL SCREWS, CAST BRONZE LENS FRAME, 3/16" THICK IMPACT RESISTANT CLEAR TEMPERED GLASS LENS, COMPRESSION MOLDED FIBERGLASS IMPREGNATED COMPOSITE LOWER HOUSING, SOLID BRASS KNURLED INSERTS TO RECEIVE ABOVE GRADE SCREWS, SEPARATE SPLICE AND BALLAST COMPARTMENTS, OUTSIDE ADJUSTABLE SPECULAR ALUMINUM REFLECTOR (45 DEGREE AIMING), ANTI-SIPHON BARRIERS ON ALL WIRING, NATURAL FINISH, NOMINAL 8"H X 17.125"W X 13.75"D (ABOVE GRADE), 6" RECESS DEPTH, GROUT MASK FOR CONCRETE POUR.
	MANUFACTURER:	KIM #DBF711-717-70PMH277-NB-SFGM-4
	BALLAST:	ELECTRONIC
	LAMPS:	(1) 70PMH
	WATTAGE:	95
	VOLTAGE:	277
MH	DESCRIPTION:	STANCHION MOUNTED METAL HALIDE SPOT LIGHT; ONE PIECE DIE CAST ALUMINUM HOUSING IN SEMI-ELLIPSOIDAL FORM, ONE PIECE O-RING GASKET, HEAT AND IMPACT RESISTANT TEMPERED CLEAR CONVEX GLASS LENS, CUT-OFF GLARE HOOD, DIE-CAST ALUMINUM STEM AND KNUCKLE ASSEMBLY WITH 360 HORIZONTAL AND 90 VERTICAL DEGREES ADJUSTMENT AND LOCKING MECHANISM, POLYESTER POWDER COAT BRONZE FINISH, 10.2"OAL X 10.2"OAH X 5. 7"OAW.
	MANUFACTURER:	GARDCO #DSP5-ST-PAR30-35/39MH-120-BRP-F-CH
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH39PAR30/SP/830
	WATTAGE:	50
	VOLTAGE:	120
MJ	DESCRIPTION:	FLUSH IN-GRADE METAL HALIDE EXTERIOR SIGN FIXTURE; MACHINED ALUMINUM HOUSING, STAINLESS STEEL HARDWARE, SEALED OPTICAL COMPARTMENT, TEMPERED GLASS RECTILINEAR LENS, CUTOFF SNOOT VISOR, SATIN BRONZE FINISH, NOMINAL 4" DIAMETER X 8.5" LONG ON 3" ADJUSTABLE AND LOCKING KNUCKLE, 12" LONG FACTORY STANCHION PIPE WITH MATCHING FINISH, FLUSH IN-GRADE REMOTE ELECTRONIC BALLAST IN COMPOSITE HOUSING (7" DIA. X 14.5" DEEP.)
	MANUFACTURER:	B-K LIGHTING #YO-FL-81-BZP-13-CS-HPRM35-277-PP-S-12"-B-BZP
	BALLAST:	ELECTRONIC
	LAMPS:	(1) 35MH/T6/830
	WATTAGE:	50
	VOLTAGE:	277

FIXTURE SCHEDULE

FY	DESCRIPTION:	RECESSED COMPACT FLUORESCENT DOWNLIGH WITH NOMINAL 8" APERTURE, ACRYLIC ENAMELED ALUMINUM HOUSING, BUILT-IN PLASTER FRAME, WHITE GROOVELESS FLARE TRIM, SPECULAR ALZAK ALUMINUM REFLECTOR, GASKETS BETWEEN TRIM/ CEILING AND TRIM/LENS, HORIZONTAL LAMP POSITION, UNIVERSAL MOUNTING BRACKETS, NOMINAL 6.5" RECESS DEPTH.
	MANUFACTURER:	KIRLIN #RR80824-40-45-46-58
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FZ	DESCRIPTION:	SURFACE WALL MOUNTED COMPACT FLUORESCENT SCONCE; ONE PIECE DIE CAST ALUMINUM TRAPEZOIDAL HOUSING, ONE PIECE DIE CAST ALUMINUM DOOR FRAME WITH TEMPERED GLASS LENS AND ONE PIECE GASKET, FACETED, SPECULAR AND ANODIZED ALUMINUM REFLECTOR WITH MEDIUM THROW OPTICS, PAINTED FINISH SELECTED BY ARCHITECT, WET LOCATION LABEL, NOMINAL 12"W X 5.5"H X 7"D.
	MANUFACTURER:	GARDCO #111-MT-32TRF-277-FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
HA	DESCRIPTION:	POLE MOUNTED HIGH PRESSURE SODIUM AREA FIXTURE; CAST ALUMINUM HOUSING, LARGE BELL SHAPED SPUN ALUMINUM SKIRT, SEGMENTED CUT-OFF ALUMINUM REFLECTOR, I.E.S. TYPE II OPTICS, LUMINOUS RING, NOMINAL 11' CAST ALUMINUM POLE WITH DECORATIVE BASE, ATTACHED WITH EXTRUDED ALUMINUM TUBING BENT AT 90 DEGREES AND WELDED TO TWO DECORATIVE ARMS, DARK GREEN FINISH. VERIFY ALL COMPONENTS TO MATCH SIMILAR EXISTING FIXTURES.
	MANUFACTURER:	LUMEC #DMS50-100HPS-SG2-LR-PM1A-AM6F-11-GN8
	BALLAST:	ELECTRONIC
	LAMPS:	(1) LU100/MED
	WATTAGE:	130
	VOLTAGE:	277
MA1	DESCRIPTION:	POLE MOUNTED METAL HALIDE AREA FIXTURE; CAST ALUMINUM HOUSING, LARGE BELL SHAPED SPUN ALUMINUM SKIRT, SEGMENTED CUT-OFF ALUMINUM REFLECTOR, I.E.S. TYPE III OPTICS, LUMINOUS RING, NOMINAL 12' CAST ALUMINUM POLE WITH DECORATIVE BASE, ATTACHED WITH EXTRUDED ALUMINUM TUBING BENT AT 90 DEGREES AND WELDED TO TWO DECORATIVE ARMS, DARK GREEN FINISH. VERIFY ALL COMPONENTS TO MATCH SIMILAR EXISTING FIXTURES.
	MANUFACTURER:	LUMEC #DMS50-70MH-SG3-LR-PM1A-AM6F-12-GN8
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U
	WATTAGE:	95
	VOLTAGE:	277
MA2	DESCRIPTION:	SIMILAR TO TYPE MA1 EXCEPT WITH HOUSE SIDE SHIELD.
	MANUFACTURER:	LUMEC #DMS50-70MH-SG3-HS-LR-PM1A-AM6F-12-GN8
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U
	WATTAGE:	95
	VOLTAGE:	277
MA3	DESCRIPTION:	SIMILAR TO TYPE MA1 EXCEPT WITH I.E.S. TYPE IV OPTICS.
	MANUFACTURER:	LUMEC #DMS50-70MH-SGFM-LR-SM1A-PM6F-12-GN8
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U
	WATTAGE:	95
	VOLTAGE:	277
MA4	DESCRIPTION:	SIMILAR TO TYPE MA1 EXCEPT WITH I.E.S. TYPE V OPTICS, HOUSE SIDE SHIELD.
	MANUFACTURER:	LUMEC #DMS50-70MH-SGQ-LR-HS-SM1A-PM6F-12-GN8
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U
	WATTAGE:	95
	VOLTAGE:	277
MA5	DESCRIPTION:	SIMILAR TO TYPE MA1 EXCEPT WITH I.E.S. TYPE IV OPTICS, TWIN FIXTURE HEADS.
	MANUFACTURER:	LUMEC #DMS50-70MH-SGFM-LR-SM2-PM6F-11-GN8
	BALLAST:	ELECTRONIC
	LAMPS:	(2) MH70/U
	WATTAGE:	190
	VOLTAGE:	277
MB1	DESCRIPTION:	POLE MOUNTED METAL HALIDE AREA FIXTURE; SEPARATE SINGLE PIECE DIE CAST ALUMINUM HOUSING (NOMINAL 17"L X 12"W X 6"H) AND LENS FRAME, SILICONE GASKET AND CLEAR TEMPERED GLASS LENS, SPECULAR ALZAK SEGMENTED REFLECTOR IN ALUMINUM FRAME, FIELD ROTATABLE OPTICS, HOUSE-SIDE SHIELD, ONE PIECE EXTRUDED ALUMINUM SUPPORT ARM, 70W LAMP AND I.E. S. TYPE III OPTICS, NOMINAL 14' ROUND STEEL NON-TAPERED POLE, STANDARD PAINTED FINISHES AS SELECTED BY THE ARCHITECT.
	MANUFACTURER:	KIM LIGHTING #1SA-SAR3-70MH277-FINISH-HS-KRS14-4120-A-FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U
	WATTAGE:	95
	VOLTAGE:	277
	REMARKS:	SEE PLANS FOR OPTICAL ASSEMBLY ORIENTATION. CONTRACTOR SHALL PROVIDE AND INSTALL IN-LINE FUSING FOR HOT CONDUCTOR TO FIXTURE, LOCATED INSIDE POLE AT HAND HOLE HEIGHT.
MB2	DESCRIPTION:	SIMILAR TO TYPE MB1 EXCEPT WITH I.E.S. TYPE IV OPTICS.
	MANUFACTURER:	KIM LIGHTING #1SA-SAR4-70MH277-FINISH-HS-KRS14-4120-A-FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(1) MH70/U
	WATTAGE:	95
	VOLTAGE:	277
	REMARKS:	SEE MB1 REMARKS
MB3	DESCRIPTION:	SIMILAR TO TYPE MB1 EXCEPT WITH I.E.S. TYPE IV OPTICS, TWIN FIXTURE HEADS.
	MANUFACTURER:	KIM LIGHTING #2SB-SAR4-70MH277-FINISH-HS-KRS14-4120-A-FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(2) MH70/U
	WATTAGE:	190
	VOLTAGE:	277
	REMARKS:	SEE MB1 REMARKS

FIXTURE SCHEDULE

FN4	DESCRIPTION:	SIMILAR TO TYPE FN1 EXCEPT NOMINAL 24' LONG.
	MANUFACTURER:	PEERLESS #CRW2-1-54T5HO-WHR-24FTN-R12-277-GEB10-SCT-L/LP-CUSTOM FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(6) F54T5/HO/835
	WATTAGE:	351
	VOLTAGE:	277
FN5	DESCRIPTION:	SIMILAR TO TYPE FN1 EXCEPT NOMINAL 28' LONG, DUAL CIRCUITING.
	MANUFACTURER:	PEERLESS #CRW2-1-54T5HO-WHR-28FTN-R12-277-GEB10-DCT-L/LP-CUSTOM FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(7) F54T5/HO/835
	WATTAGE:	410
	VOLTAGE:	277
FN6	DESCRIPTION:	SIMILAR TO TYPE FN1 EXCEPT NOMINAL 44' LONG, LUTRON HI-LUME DIMMING BALLASTS.
	MANUFACTURER:	PEERLESS #CRW2-1-54T5HO-WHR-44FTN-R12-277-LUTRON HI-LUME-SCT-L/LP-CUSTOM FINISH
	BALLAST:	LUTRON HI-LUME
	LAMPS:	(11) F54T5/HO/835
	WATTAGE:	644
	VOLTAGE:	277
FN7	DESCRIPTION:	WALL MOUNTED LINEAR FLUORESCENT UPLIGHT; FORMED ONE PIECE STEEL CURVED CHANNEL HOUSING, FLAT DIE-CAST ALUMINUM END CAPS, PAINTED WHITE REFLECTORS, ONE LAMP CROSS SECTION, LUTRON HI-LUME DIMMING BALLAST, FINISH AS SELECTED BY ARCHITECT, NOMINAL 4'L X 2.75"H X 7.75"D.
	MANUFACTURER:	PEERLESS #CRW1-1-54T5HO-WHR-4FTN-R4-277-LUTRON HI-LUME-SCT-L/LP-CUSTOM FINISH
	BALLAST:	LUTRON HI-LUME
	LAMPS:	(1) F54T5/HO/835
	WATTAGE:	59
	VOLTAGE:	277
FN8	DESCRIPTION:	SIMILAR TO TYPE FN7 EXCEPT NOMINAL 12' LONG.
	MANUFACTURER:	PEERLESS #CRW1-1-54T5HO-WHR-12FTN-R12-277-LUTRON HI-LUME-SCT-L/LP-CUSTOM FINISH
	BALLAST:	LUTRON HI-LUME
	LAMPS:	(3) F54T5/HO/835
	WATTAGE:	176
	VOLTAGE:	277
FN9	DESCRIPTION:	SIMILAR TO TYPE FN7 EXCEPT WITH T8 LAMPS, NOMINAL 24' LONG.
	MANUFACTURER:	PEERLESS #CRW1-1-32-WHR-24FT-R12-277-GEB-SCT-L/LP-CUSTOM FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(6) F32T8/835
	WATTAGE:	177
	VOLTAGE:	277
FR1	DESCRIPTION:	CEILING MOUNTED COMPACT FLUORESCENT PENDANT; MATTE WHITE ACRYLIC BOWL WITH METAL TRIM BAND, METAL HALIDE DOWNLIGHT IN BOTTOM CENTER OF BOWL, SINGLE STEM SUSPENSION WITH SWIVEL CANOPY, APPROX. 5'-6" OAH X 28" DIA. X 10" DEEP BOWL (SEE ARCH. ELEVATIONS), FINISH AS SELECTED BY ARCHITECT.
	MANUFACTURER:	SHAPER #499-28-CFL/426-277V-FINISH-TR-DOWNLIGHT-5'-6" (VERIFY)
	BALLAST:	ELECTRONIC
	LAMPS:	(5) SEE REMARKS
	WATTAGE:	150
	VOLTAGE:	277
	REMARKS:	LAMPS: 4-CFTR26W/835 & 1-PHILIPS CDM35/PAR20/M/FL
FR2	DESCRIPTION:	SIMILAR TO TYPE FR1 EXCEPT WITH SLOPED CEILING ADAPTER.
	MANUFACTURER:	SHAPER #499-28-CFL/426-277V-FINISH-TR-DOWNLIGHT-SCA-5'-6" (VERIFY)
	BALLAST:	ELECTRONIC
	LAMPS:	(5) SEE REMARKS
	WATTAGE:	150
	VOLTAGE:	277
	REMARKS:	LAMPS: 4-CFTR26W/835 & 1-PHILIPS CDM35/PAR20/M/FL
FR3	DESCRIPTION:	SIMILAR TO TYPE FR1 EXCEPT APPROX. 12'-0" OAH.
	MANUFACTURER:	SHAPER #499-28-CFL/426-277V-FINISH-TR-DOWNLIGHT-12'-0" (VERIFY)
	BALLAST:	ELECTRONIC
	LAMPS:	(5) SEE REMARKS
	WATTAGE:	150
	VOLTAGE:	277
	REMARKS:	LAMPS: 4-CFTR26W/835 & 1-PHILIPS CDM35/PAR20/M/FL
FS	DESCRIPTION:	SURFACE CEILING OR WALL MOUNTED FLUORESCENT STRIP WITH DIE FORMED STEEL HOUSING AND SOCKET END CAPS, WHITE FINISH, WIRE GUARD, TWO LAMP CROSS SECTION, NOMINAL 8'L X 4" SQ.
	MANUFACTURER:	WELLMADE #204-248-2T8-WG-SSB-277
	BALLAST:	ELECTRONIC
	LAMPS:	(4) F32T8/835
	WATTAGE:	118
	VOLTAGE:	277
FT	DESCRIPTION:	RECESSED 2X4 LENSED TROFFER WITH DIE FORMED STEEL HOUSING, REGRESSED ALUMINUM DOOR FRAME, .125" THICK ACRYLIC PRISMATIC LENS, WHITE POWDER COAT FINISH, SUITABLE FOR GRID CEILING, NOMINAL 4.5" RECESS DEPTH.
	MANUFACTURER:	H E WILLIAMS #50G-S24-232-RA12125-EB2-277
	BALLAST:	ELECTRONIC
	LAMPS:	(2) F32T8/835
	WATTAGE:	59
	VOLTAGE:	277
FV	DESCRIPTION:	RECESSED 2X4 LENSED TROFFER; DIE FORMED STEEL HOUSING, FULLY GASKETED REGRESSED ALUMINUM DOOR FRAME, 0.125" THICK ACRYLIC PRISMATIC LENS (INVERTED WITH SMOOTH SIDE DOWN), WHITE POWDER COAT FINISH, SUITABLE FOR GRID CEILING, NOMINAL 5.75" RECESS DEPTH.
	MANUFACTURER:	H E WILLIAMS #EPG-S24-332-RA12125-EB2/2-277-MOD INVERTED LENS
	BALLAST:	ELECTRONIC
	LAMPS:	(3) F32T8/835
	WATTAGE:	90
	VOLTAGE:	277
FW	DESCRIPTION:	SURFACE WALL MOUNTED FLUORESCENT SCONCE; DIE-FORMED STEEL HOUSING, CURVED ONE PIECE WHITE TRANSLUCENT ACRYLIC DIFFUSER, BAKED ENAMEL FINISH AS SELECTED BY ARCHITECT, 15.75" SQ. X 3.5"D.
	MANUFACTURER:	LIGHTOLIER #10351WH82
	BALLAST:	ELECTRONIC
	LAMPS:	(2) FT27W/835
	WATTAGE:	50
	VOLTAGE:	277

FIXTURE SCHEDULE

FG	DESCRIPTION:	PENDANT MOUNTED COMPACT FLUORESCENT CHANDELIER; FOUR 30" DIAMETER FORMED AND SANDBLASTED OPAL ACRYLIC BOWLS MOUNTED ON PAINTED METALLIC 66" DIAMETER DUAL ROD ARMATURE, ACRYLIC TOP LENSES, FACTORY INSTALLED STEM MOUNTED SWIVEL ADAPTER LOCATED AT BOTTOM OF MOUNTING STEM, FACTORY PAINTED METALLIC RED BRASS FINISH, 88"L X 44"W X APPROX. 120"OAH (SEE ARCH. ELEVATIONS).
	MANUFACTURER:	ADVENT #AIP2402-6F26-277-PT29-TL-SBA-120"OAH (VERIFY)-MOD STEM SWIVEL ADAPTER
	BALLAST:	ELECTRONIC
	LAMPS:	(24) CFQ26W/835
	WATTAGE:	576
	VOLTAGE:	277
FK1	DESCRIPTION:	RECESSED FLUORESCENT 4X4; DIE FORMED STEEL HOUSING, DETACHABLE PERFORATED STEEL LAMP SHIELD WITH WHITE ACRYLIC DIFFUSER INSERT, SEAMLESS ONE PIECE DIE-FORMED STEEL REFLECTOR WITH QUADRI-PARTITE RIB VAULT, 9" RECESS DEPTH, POLYESTER POWDER COAT MATTE WHITE FINISH. CONTRACTOR SHALL VERIFY CEILING COMPATIBILITY.
	MANUFACTURER:	FOCAL POINT #FSK-44-B-4-T5-S-277-CEILING-PS-WH
	BALLAST:	ELECTRONIC
	LAMPS:	(4) F28T5/835
	WATTAGE:	126
	VOLTAGE:	277
FK2	DESCRIPTION:	SIMILAR TO TYPE FK1 EXCEPT SUITABLE FOR GRID CEILING, DUAL CIRCUITING. CONTRACTOR SHALL VERIFY CEILING COMPATIBILITY.
	MANUFACTURER:	FOCAL POINT #FSK-44-B-4-T5-S-277-CEILING-PS-SC-WH
	BALLAST:	ELECTRONIC
	LAMPS:	(4) F28T5/835
	WATTAGE:	126
	VOLTAGE:	277
FL1	DESCRIPTION:	RECESSED FLUORESCENT 2X2; DIE FORMED STEEL HOUSING, DETACHABLE PERFORATED STEEL LAMP SHIELD WITH WHITE ACRYLIC DIFFUSER INSERT, SEAMLESS ONE PIECE DIE-FORMED STEEL REFLECTOR, 5.5" RECESS DEPTH, POLYESTER POWDER COAT MATTE WHITE FINISH. CONTRACTOR SHALL VERIFY CEILING COMPATIBILITY.
	MANUFACTURER:	FOCAL POINT #FBX-22-B-2-BX40-E-277-CEILING-PS-EQ-WH
	BALLAST:	ELECTRONIC
	LAMPS:	(2) FT40/835
	WATTAGE:	86
	VOLTAGE:	277
FL2	DESCRIPTION:	SIMILAR TO TYPE FL1 EXCEPT WITH DUAL CIRCUITING. CONTRACTOR SHALL VERIFY CEILING COMPATIBILITY.
	MANUFACTURER:	FOCAL POINT #FBX-22-B-2-BX40-E-277-CEILING-PS-EQ-SC-WH
	BALLAST:	ELECTRONIC
	LAMPS:	(2) FT40/835
	WATTAGE:	94
	VOLTAGE:	277
FM1	DESCRIPTION:	SUSPENDED LINEAR FLUORESCENT PENDANT; FORMED ONE PIECE STEEL CRESCENT CHANNEL HOUSING, DIE PUNCHED 3/8" SQUARE WINDOWS WITH ACRYLIC OPAL DIFFUSER OVERLAY, FLAT DIE-CAST ALUMINUM END CAPS, PAINTED WHITE REFLECTORS, TWO LAMP CROSS SECTION, STEM MOUNTING (APPROX. 24"OAH), FINISH AS SELECTED BY ARCHITECT, NOMINAL 8'L X 3"H X 10"W.
	MANUFACTURER:	PEERLESS #10CRM2-2-32-WHR-8FT-R8-277-GEB-DCT-L/LP-F3/21
	BALLAST:	ELECTRONIC
	LAMPS:	(4) F32T8/835
	WATTAGE:	118
	VOLTAGE:	277
FM2	DESCRIPTION:	SIMILAR TO TYPE FM1 EXCEPT NOMINAL 12' LONG.
	MANUFACTURER:	PEERLESS #10CRM2-2-32-WHR-12FT-R12-277-GEB-DCT-L/LP-F3/21
	BALLAST:	ELECTRONIC
	LAMPS:	(6) F32T8/835
	WATTAGE:	177
	VOLTAGE:	277
FM3	DESCRIPTION:	SIMILAR TO TYPE FM1 EXCEPT NOMINAL 12' LONG, THREE LAMP CROSS SECTION
	MANUFACTURER:	PEERLESS #10CRM2-3-32-WHR-12FT-R12-277-GEB-DCT-L/LP-F3/21
	BALLAST:	ELECTRONIC
	LAMPS:	(9) F32T8/835
	WATTAGE:	270
	VOLTAGE:	277
FM4	DESCRIPTION:	SIMILAR TO TYPE FM1 EXCEPT NOMINAL 16' LONG.
	MANUFACTURER:	PEERLESS #10CRM2-2-32-WHR-16FT-R8-277-GEB-DCT-L/LP-F3/21
	BALLAST:	ELECTRONIC
	LAMPS:	(8) F32T8/835
	WATTAGE:	236
	VOLTAGE:	277
FM5	DESCRIPTION:	SIMILAR TO TYPE FM1 EXCEPT NOMINAL 24' LONG, APPROX. 96" OAH (VERIFY).
	MANUFACTURER:	PEERLESS #10CRM2-2-32-WHR-16FT-R8-277-GEB-DCT-L/LP-F3/93
	BALLAST:	ELECTRONIC
	LAMPS:	(12) F32T8/835
	WATTAGE:	354
	VOLTAGE:	277
FN1	DESCRIPTION:	WALL MOUNTED LINEAR FLUORESCENT UPLIGHT; FORMED ONE PIECE STEEL CURVED CHANNEL HOUSING, DIE PUNCHED 3/8" SQUARE WINDOWS WITH ACRYLIC OPAL DIFFUSER OVERLAY, FLAT DIE-CAST ALUMINUM END CAPS, PAINTED WHITE REFLECTORS, ONE LAMP CROSS SECTION, CUSTOM FINISH AS SELECTED BY ARCHITECT, NOMINAL 12'L X 2.75"H X 7.75"D.
	MANUFACTURER:	PEERLESS #CRW2-1-54T5HO-WHR-12FTN-R12-277-GEB10-SCT-L/LP-CUSTOM FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(3) F54T5/HO/835
	WATTAGE:	176
	VOLTAGE:	277
FN2	DESCRIPTION:	SIMILAR TO TYPE FN1 EXCEPT NOMINAL 16' LONG.
	MANUFACTURER:	PEERLESS #CRW2-1-54T5HO-WHR-16FTN-R8-277-GEB10-SCT-L/LP-CUSTOM FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(4) F54T5/HO/835
	WATTAGE:	234
	VOLTAGE:	277
FN3	DESCRIPTION:	SIMILAR TO TYPE FN1 EXCEPT NOMINAL 20' LONG.
	MANUFACTURER:	PEERLESS #CRW2-1-54T5HO-WHR-20FTN-R12-277-GEB10-SCT-L/LP-CUSTOM FINISH
	BALLAST:	ELECTRONIC
	LAMPS:	(5) F54T5/HO/835
	WATTAGE:	293
	VOLTAGE:	277

FIXTURE SCHEDULE

FA6	DESCRIPTION:	SIMILAR TO TYPE FA1 EXCEPT WITH SLOPED CEILING ADAPTER.
	MANUFACTURER:	PRESCOLITE #CFT832EB-STF802-SS-B24/B6-SCA8D-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FAA1	DESCRIPTION:	SURFACE CEILING OR WALL MOUNTED FLUORESCENT FIXTURE WITH OPAL ACRYLIC WRAP AROUND DIFFUSER, EXTRUDED ALUMINUM HOUSING, DIE CAST ALUMINUM END PLATES, NOMINAL 4'L X 4.5" SQ., FINISH AS SELECTED BY ARCHITECT.
	MANUFACTURER:	WELLMADE #183-A-148T8-SSB-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) F32T8/835
	WATTAGE:	31
	VOLTAGE:	277
FAA2	DESCRIPTION:	SIMILAR TO TYPE FAA1 EXCEPT NOMINAL 4' LONG.
	MANUFACTURER:	WELLMADE #183-A-148-2T8-SSB-277
	BALLAST:	ELECTRONIC
	LAMPS:	(2) F32T8/835
	WATTAGE:	59
	VOLTAGE:	277
FAB1	DESCRIPTION:	SURFACE MOUNTED UNDER CABINET FIXTURE; NOMINAL 49.5"L X 2"H X 6"W,EXTRUDED ALUMINUM HOUSING WITH INJECTION MOLDED POLYCARBONATE END CAPS AND COVERS, OPAL ACRYLIC DIFFUSER, MODULAR ELECTRICAL CONNECTIONS FOR CONTINUOUS ROW MOUNTING, STANDARD FINISH AS SELECTED BY THE ARCHITECT.
	MANUFACTURER:	ALKCO #LINCS150-048/ECB/WL
	BALLAST:	ELECTRONIC
	LAMPS:	(1) F32T8/835
	WATTAGE:	31
	VOLTAGE:	120
	REMARKS:	COORDINATE MOUNTING OF FIXTURES WITH CASEWORK VENDOR AND ARCHITECT TO CONCEAL FIXTURE AND CONDUIT.
FAB2	DESCRIPTION:	SIMILAR TO TYPE FAB1 EXCEPT 25.5" LONG.
	MANUFACTURER:	ALKCO #LINCS150-024/ECB/WL
	BALLAST:	ELECTRONIC
	LAMPS:	(1) F17T8/835
	WATTAGE:	15
	VOLTAGE:	120
	REMARKS:	COORDINATE MOUNTING OF FIXTURES WITH CASEWORK VENDOR AND ARCHITECT TO CONCEAL FIXTURE AND CONDUIT.
FAC	DESCRIPTION:	SURFACE EXTERIOR WALL MOUNTED COMPACT FLUORESCENT SCONCE; PAINTED ALUMINUM HOUSING, FULL CUT-OFF CLEAR TEMPERED GLASS LENS, NATURAL BRONZE POLYESTER POWDER COAT FINISH, WEDGE SHAPE PROFILE, REAR FEED CONDUIT MOUNTING, WET LOCATION LABEL, 8"W X 8"H X 7"D.
	MANUFACTURER:	SHAPER #682-WP-8-CFL2/32-277V-NBZ-C-TGL
	BALLAST:	ELECTRONIC
	LAMPS:	(2) CFTR32W/835
	WATTAGE:	68
	VOLTAGE:	277
FAD	DESCRIPTION:	RECESSED FLUORESCENT DISPLAY FIXTURE; STEEL HOUSING, TRANSLUCENT WHITE ACRYLIC 0.5" CUBE-CELL LOUVER, WHITE POLYESTER RESIN POWDER COAT PAINT AFTER FABRICATION FINISH, 0.5" TRIM FLANGE, NOMINAL 48" LONG X 3.5"W X 3. 375"D.
	MANUFACTURER:	ALKCO #MT128-LOUV
	BALLAST:	ELECTRONIC
	LAMPS:	(1) F28T5/835
	WATTAGE:	30
	VOLTAGE:	277
FB	DESCRIPTION:	RECESSED COMPACT FLUORESCENT DOWNLIGHT; HYDROFORMED SPECULAR REFLECTOR, MICROPRISM SPREAD LENS, PARABOLIC SPLAYED TRIM WITH SOFTGLOW WHEAT FINISH, 4.5" X 8.5" APERTURE.
	MANUFACTURER:	KURT VERSEN #T4142-SW-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FC	DESCRIPTION:	SURFACE EXTERIOR WALL MOUNTED COMPACT FLUORESCENT SCONCE; SOLID BRONZE ANGLED LAMP SHIELD, WATERPROOF LAMP/ BALLAST ENCLOSURE, NATURAL SOLID BRONZE FINISH, NOMINAL 8"W X 15"H X 6. 5"D.
	MANUFACTURER:	SHAPER #660-WP-CF1/32-277-NBZ
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FD	DESCRIPTION:	SURFACE WALL MOUNTED COMPACT FLUORESCENT SCONCE; 18.5" DIAMETER FORMED OPAL SANDBLASTED ACRYLIC BOWL WITH METAL TRIM BAND, ACRYLIC TOP LENS, RECTANGULAR MOUNTING BRACKET, FACTORY PAINTED METALLIC RED BRASS FINISH, 20" OAD X 15"H.
	MANUFACTURER:	ADVENT #AIW1254-PT29-TL-SBA-277
	BALLAST:	ELECTRONIC
	LAMPS:	(4) CFQ26W/835
	WATTAGE:	96
	VOLTAGE:	277
FE	DESCRIPTION:	PENDANT MOUNTED COMPACT FLUORESCENT CHANDELIER; THREE 24" DIAMETER FORMED AND SANDBLASTED OPAL ACRYLIC BOWLS MOUNTED ON PAINTED METALLIC "S" CURVED DUAL ROD ARMATURE, ACRYLIC TOP LENSES, FACTORY INSTALLED STEM MOUNTED SWIVEL ADAPTER LOCATED AT BOTTOM OF MOUNTING STEM, FACTORY PAINTED METALLIC RED BRASS FINISH, 88"L X 44"W X APPROX. 120"OAH (SEE ARCH. ELEVATIONS.)
	MANUFACTURER:	ADVENT #AIP2424-4F26-277-PT29-SBA-TL-120"OAH (VERIFY)-MOD STEM SWIVEL ADAPTER
	BALLAST:	ELECTRONIC
	LAMPS:	(12) CFQ26W/835
	WATTAGE:	288
	VOLTAGE:	277
FF	DESCRIPTION:	SURFACE WALL MOUNTED COMPACT FLUORESCENT SCONCE; SQUARE SOLID METAL BAR TRIM IN OPEN GRID PATTERN OVER HALF CYLINDER TRANSLUCENT ACRYLIC DIFFUSER, TOP AND BOTTOM WHITE ACRYLIC LENSES, FACTORY PAINTED OLD ENGLISH BRONZE FINISH, 9.25"W X 20"H X 5.125"D.
	MANUFACTURER:	VISA #CB3396-OEB-BL-TL-277
	BALLAST:	ELECTRONIC
	LAMPS:	(2) CFQ13W/835
	WATTAGE:	29
	VOLTAGE:	277

FIXTURE SCHEDULE

A	DESCRIPTION:	RECESSED INCANDESCENT ACCENT; STEEL HOUSING, PLASTER FRAME AND TRIM ASSEMBLY, GALVANIZED J-BOX ASSEMBLY, REMOVABLE TRIM SLEEVE, TWO PAR38 LAMPS WITH LOCKING 380 HORIZONTAL AND 45 VERTICAL DEGREE ADJUSTABLE BEZELS, RETRACTABLE YOKE, UP TO TWO OPTIONAL OPTICAL ACCESSORIES PER LAMP, VENT HOLES AND THERMAL PROTECTION, J-BOX LISTED FOR THROUGH BRANCH CIRCUITING, 29.8" OAL X 9.1" OAH X 10.75" OAW, 17. 24" X 8.5" APERTURE, TRIM AND INTERIOR FINISHES TO BE SELECTED BY ARCHITECT.
	MANUFACTURER:	RSA LIGHTING #CO3820IS-PT-PT-RT
	BALLAST:	NONE
	LAMPS:	(2) SEE REMARKS
	WATTAGE:	200
	VOLTAGE:	120
	REMARKS:	LAMP: PHILIPS 100PAR38/IRC/HAL/FL25
B	DESCRIPTION:	SURFACE MOUNTED HALOGEN DOWNLIGHT; CYLINDRICAL HOUSING WITH REVEAL BAND DECORATION, SMALL CYLINDER ARM AND ROUND J-BOX CANOPY, MODIFIED WITH 12" LEAD WIRES, CUSTOM PAINT SELECTED BY ARCHITECT, 4.5" DIA. X 8"H 6.75" OAD.
	MANUFACTURER:	MICHAELS #MOD-E1012-4.5-I-120-CP-(B=8)-12" LEAD WIRES
	BALLAST:	NONE
	LAMPS:	(1) 50WPAR20HAL
	WATTAGE:	50
	VOLTAGE:	120
EX1	DESCRIPTION:	SURFACE WALL MOUNTED L.E.D. EXIT SIGN; SELF-TEST / SELF-DIAGNOSTICS, NICKEL CADMIUM BATTERY, CONTOURED CLEAR EDGE-LIT LENS, FACTORY INSTALLED CHEVRON ARROWS (SEE PLANS FOR LOCATIONS), DIE-CAST ALUMINUM HOUSING AND TRIM, STANDARD 6" HIGH GREEN LETTERING, CUSTOM COLOR PAINTED FINISH, NOMINAL 11.5"OAH X 16"OAL X 2.5"OAD.
	MANUFACTURER:	EVENLITE #SOV-EM-G-1C-CC-SW-SEE PLANS FOR CHEVRONS-SD
	BALLAST:	NONE
	LAMPS:	(1) GREEN LED INCLUDED
	WATTAGE:	3
	VOLTAGE:	120/277
EX2	DESCRIPTION:	SIMILAR TO TYPE EX1 EXCEPT WITH REMOTE LOW LEVEL EXIT; LOW LEVEL UNIT - RECESSED SINGLE GANG BACKBOX, FACTORY INSTALLED CHEVRONS (SEE PLANS FOR LOCATIONS), NOMINAL 12"L X 8.5"H X 0. 625"D, CUSTOM COLOR PAINTED FINISH SELECTED BY ARCHITECT.
	MANUFACTURER:	EVENLITE #SOV-EM-G-1C-CC-SW-SEE PLANS FOR CHEVRONS-SD-LL
	BALLAST:	NONE
	LAMPS:	(2) GREEN LED INCLUDED
	WATTAGE:	6
	VOLTAGE:	120/277
EX3	DESCRIPTION:	SIMILAR TO TYPE EX1 EXCEPT SEMI-RECESSED CEILING UNIT WITH REMOTE LOW LEVEL EXIT; CEILING MOUNT UNIT - RECESSED BACKBOX (NOMINAL 14"L X 5.5"W X 4"D), LOW LEVEL UNIT - RECESSED SINGLE GANG BACKBOX, FACTORY INSTALLED CHEVRONS (SEE PLANS FOR LOCATIONS), NOMINAL 12"L X 8.5"H X 0.625"D, CUSTOM COLOR PAINTED FINISH SELECTED BY ARCHITECT.
	MANUFACTURER:	EVENLITE #SOV-EM-G-1C-CC-RC-SEE PLANS FOR CHEVRONS-SD-LL
	BALLAST:	NONE
	LAMPS:	(2) GREEN LED INCLUDED
	WATTAGE:	6
	VOLTAGE:	120/277
EX4	DESCRIPTION:	SIMILAR TO TYPE EX1 EXCEPT SEMI-RECESSED CEILING UNIT: CEILING MOUNT UNIT - RECESSED BACKBOX (NOMINAL 14"L X 5.5"W X 4"D), CUSTOM COLOR PAINTED FINISH.
	MANUFACTURER:	EVENLITE #SOV-EM-G-1C-CC-RC-SEE PLANS FOR CHEVRONS-SD
	BALLAST:	NONE
	LAMPS:	(1) GREEN LED INCLUDED
	WATTAGE:	3
	VOLTAGE:	120/277
FA1	DESCRIPTION:	RECESSED COMPACT FLUORESCENT DOWNLIGHT; ONE PIECE PAINTED STEEL PLATFORM, PREWIRED JUNCTION BOX, VENTED LAMP SOCKET, SELF-TRIM ALZAK ALUMINUM IRIDESCENCE SUPPRESSED REFLECTOR SEMI-SPECULAR CLEAR FINISH, NOMINAL 8" APERTURE, UNIVERSAL ADJUSTABLE MOUNTING BRACKETS, VERTICAL LAMP POSITION, NOMINAL 11.5" RECESS DEPTH. PROVIDE BAR HANGERS FOR SPECIFIC CEILING TYPE AS SHOWN ON ARCHITECTURAL PLANS.
	MANUFACTURER:	PRESCOLITE #CFT832EB-STF802-SS-B24/B6-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FA2	DESCRIPTION:	SIMILAR TO TYPE FA1 EXCEPT WITH WALL WASHER OPTICS.
	MANUFACTURER:	PRESCOLITE #CFT832EB-STF802-SS-WW-B24/B6-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FA3	DESCRIPTION:	SIMILAR TO TYPE FA1 EXCEPT WITH SLOPED CEILING ADAPTER AND LUTRON HI-LUME DIMMING BALLAST.
	MANUFACTURER:	PRESCOLITE #CFT832EB-LUTRON HI-LUME-STF802-SS-B24/B6-SCA8D-277
	BALLAST:	LUTRON HI-LUME
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FA4	DESCRIPTION:	RECESSED COMPACT FLUORESCENT DOWNLIGHT; ONE PIECE PAINTED STEEL PLATFORM, PREWIRED JUNCTION BOX, VENTED LAMP SOCKET, SELF-TRIM ALZAK ALUMINUM IRIDESCENCE SUPPRESSED REFLECTOR WITH SEMI-SPECULAR CLEAR FINISH, NOMINAL 6" APERTURE, UNIVERSAL ADJUSTABLE MOUNTING BRACKETS, VERTICAL LAMP POSITION, NOMINAL 6.25" RECESS DEPTH. PROVIDE BAR HANGERS FOR SPECIFIC CEILING TYPE AS SHOWN ON ARCHITECTURAL PLANS.
	MANUFACTURER:	PRESCOLITE #CFT632HEB-STF602H-SS-B24/B6-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277
FA5	DESCRIPTION:	SIMILAR TO TYPE FA4 EXCEPT WITH WALL WASHER OPTICS.
	MANUFACTURER:	PRESCOLITE #CFT632HEB-STF602H-SS-WW-B24/B6-277
	BALLAST:	ELECTRONIC
	LAMPS:	(1) CFTR32W/835
	WATTAGE:	34
	VOLTAGE:	277

O'MAHONY & MYER
ELECTRICAL and LIGHTING DESIGN
4340 REDWOOD HWY, SUITE 245
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(415) 492-0420/FAX (415) 479-9662
www.ommconsulting.com

REGISTERED PROFESSIONAL ENGINEER
P. J. COLENBANDER
No. 14738
Exp. 6/07
ELECTRICAL
STATE OF CALIFORNIA

MOUNTAIN VIEW SENIOR CENTER

266 ESCUELA AVE
MOUNTAIN VIEW, CA

DATE: APRIL 18, 2005

REVISIONS:

CONSTRUCTION SET

SHEET TITLE:

FIXTURE SCHEDULE

DRAWN BY: RG
CHECKED BY: PJC
JOB NO: 203106

SHEET E0.2

Apr 14, 2005 - 11:42am lnichols P:\2003\MOUNTAIN_VIEW_SENIOR_CENTER-203106\CAD_E0.2-MVSC.dwg

MOUNTAIN_VIEW_SENIOR_CENTER-203106

TITLE 24 LIGHTING MANDATORY MEASURES

PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

Section 119 - AUTOMATIC CONTROL DEVICES CERTIFIED

☒ All automatic control devices specified are certified. All alternate equipment shall be certified and installed as directed by the manufacturer.

Section 130(b) - HIGH-RISE RESIDENTIAL AND HOTEL/MOTEL GUEST ROOMS

☐ The lighting systems in the high-rise residential occupancies comply with Standards Section 130(b).

☐ The lighting systems in the hotel/motel guest rooms comply with Standards Section 130(b).

Section 130(c) - EXTERIOR BUILDING LIGHTING EFFICACY / CONTROL

☒ All permanently installed exterior luminaries attached to or powered by the electrical service in buildings that contain conditioned space(s), and employing lamps rated over 100 watts, have a source efficacy of at least 60 lumens per watt (determined by dividing the rated initial lamp lumens by the rated lamp watts).

☐ All permanently installed exterior luminaries attached to or powered by the electrical service in buildings that contain conditioned space(s), and employing lamps rated over 100 watts, are controlled by a motion sensor(s).

☐ One or more exterior luminaries on the project, with lamps rated over 100 watts, are exempt from the requirements of section 130(c) because they are lights required by health and safety codes, integral to advertising signs, swimming pool lighting (internal and external), theme park lighting, or are temporary outdoor theatrical equipment.

Section 131(a) - INDIVIDUAL ROOM / AREA CONTROLS

☒ Each room or area in the building with floor-to-ceiling walls is equipped with a separate switch or occupancy sensor device to control the lights. Local switches are within site of the area controlled. Remote switches have pilot lights to indicate remote status.

Section 131(b) - UNIFORM REDUCTION FOR INDIVIDUAL ROOMS

☐ All rooms and areas greater than 100 square feet and more than 0.8 watts per square foot of lighting load shall be controlled with Bi-level switching for a uniform reduction of the lighting within the room. Lighting in corridors and areas with only one fixture are exempt from this requirement.

Section 131(c) - DAYLIGHT AREA CONTROL

☒ All rooms with windows and skylights that are greater than 250 square feet and that allow for the effective use of daylight shall have 50 percent of the lamps in each daylight area controlled by a separate switch.

☐ The effective use of daylight throughout cannot be accomplished because the windows are continuously shaded by an adjacent structure. A diagram of shading during different times of year is included on the plans.

☐ The effective use of daylight throughout cannot be accomplished because the effective aperture of glazing is equal to or less than 0.1 for vertical glazing and 0.01 for horizontal glazing.

Section 131(d)(1) - BUILDING LIGHTING SHUT-OFF

☒ The building lighting shut-off system consists of an automatic time switch, occupancy sensor, or other automatic control device, with a zone for each floor or area.

☐ The building is exempt from the automatic shut-off requirement because it is required to be continuously lit with manual operation, or is a corridor or guest room of a high-rise residential building or hotel/motel.

Section 131(d)(2) - OVERRIDE FOR BUILDING LIGHTING SHUT-OFF

☒ The automatic building shut-off system is provided with a manual and readily accessible override switch in sight of the lights in each area. Each area of override does not exceed 5,000 square feet and the override does not allow the lighting to remain on for more than 2 hours when an override is initiated. Holiday schedules are also accommodated.

☐ This project is exempt from the override requirement. It is a retail store, mall, restaurant, grocery store, church, or theatre.

LIGHTING COMPLIANCE SUMMARY — LTG-2

PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

ACTUAL LIGHTING POWER

LUMINAIRE NAME	TYPE DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT Y	CEC DEFAULT N	TOTAL WATTS
FD	SURFACE FLUOR SCONCE	25	96	☐	☒	2400
FE	FLUOR PENDANT	2	288	☐	☒	576
FF	SURFACE FLUOR SCONCE	14	29	☐	☒	406
FG	FLUOR PENDANT	3	576	☐	☒	1728
FK1	RECESSED FLUOR 4X4	8	126	☐	☒	1008
FK2	RECESSED FLUOR 4X4	8	126	☐	☒	1008
FL1	RECESSED FLUOR 2X2	16	86	☐	☒	1290
FL2	RECESSED FLUOR 2X2	14	94	☐	☒	1316
FM1	LINEAR FLUOR PENDANT	3	118	☐	☒	354
FM2	LINEAR FLUOR PENDANT	1	177	☐	☒	177
FM3	LINEAR FLUOR PENDANT	1	270	☐	☒	270
			SUBTOTAL FROM THIS PAGE			10533
			PLUS SUBTOTAL FROM CONTINUATION PAGE			4546
			PORTABLE LIGHTING (From LTG-1 Part 3 of 3)			
			LESS CONTROL CREDIT WATTS (FROM LTG-3)			
			ADJUSTED ACTUAL WATTS			CONTINUED

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From § 146(b) Table 1-M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS

AREA CATEGORY METHOD

AREA CATEGORY (From § 146(b) Table 1-N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
NOT USED			
		TOTALS	

TAILORED METHOD

NOT USED — TOTAL ALLOWED WATTS (From LTG-4)

Nonresidential Compliance Form — January 2001

CERTIFICATE OF COMPLIANCE — (Part 2 of 3) LTG-1

PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

INSTALLED LIGHTING SCHEDULE

NAME	LUMINAIRE DESCRIPTION	LAMPS: TYPE DESCRIPTION	LAMPS: QTY.	LAMPS: WATTS PER LAMP	BALLASTS: TYPE DESCRIPTION	LUMINAIRE: QTY.	LUMINAIRE: QTY.	LUMINAIRE: WATTS/ LUMIN.	TOTAL WATTS
FM4	FLUORESCENT	F32T8/835	8	32	ELECTRONIC	4	2	236	472
FM5	FLUORESCENT	F32T8/835	12	32	ELECTRONIC	6	1	354	354
FN1	FLUORESCENT	F54T5/HO/835	3	54	ELECTRONIC	2	2	176	352
FN2	FLUORESCENT	F54T5/HO/835	4	54	ELECTRONIC	2	4	234	936
FN3	FLUORESCENT	F54T5/HO/835	5	54	ELECTRONIC	3	2	293	586
FN4	FLUORESCENT	F54T5/HO/835	6	54	ELECTRONIC	3	2	351	702
FN5	FLUORESCENT	F54T5/HO/835	7	54	ELECTRONIC	4	4	410	1640
FN6	FLUORESCENT	F54T5/HO/835	11	54	LUTRON HI-LUME	6	2	644	1288
FN7	FLUORESCENT	F54T5/HO/835	1	54	LUTRON HI-LUME	1	4	59	236
FN8	FLUORESCENT	F54T5/HO/835	3	54	LUTRON HI-LUME	2	6	176	1056
FN9	FLUORESCENT	F32T8/835	6	32	ELECTRONIC	3	2	177	354
							SUBTOTAL FROM THIS PAGE		7976
							PLUS SUBTOTAL FROM CONTINUATION PAGE		15079
							PORTABLE LIGHTING (From LTG-1 Part 3 of 3)		
							LESS CONTROL CREDIT WATTS (From LTG-3)		
							ADJUSTED ACTUAL WATTS		CONTINUED

Lighting Schedule on Plans Shows Exterior Lighting Meets
☐ Efficacy and Control Requirements of § 130(b)
☐ Control Requirements of § 131(f)

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Desg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED: TYPE	LUMINAIRES CONTROLLED: QTY.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form — January 2001

CERTIFICATE OF COMPLIANCE — (Part 1 of 3) LTG-1

PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05 | Building Permit

PROJECT ADDRESS: 266 ESCUELA AVE., MOUNTAIN VIEW, CA

PRINCIPAL DESIGNER/LIGHTING: PIETER COLENBRANDER | TELEPHONE: 415-492-0420 | Checked by/Date

DOCUMENTATION AUTHOR: PIETER COLENBRANDER | TELEPHONE: 415-492-0420 | Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS	BUILDING CONDITIONED FLOOR AREA	CLIMATE ZONE
2/15/05	23600	4

BUILDING TYPE: ☒ NONRESIDENTIAL ☐ HIGH RISE RESIDENTIAL ☐ HOTEL/MOTEL GUEST ROOM

PHASE OF CONSTRUCTION: ☒ NEW CONSTRUCTION ☐ ADDITION ☐ ALTERATION ☐ UNCONDITIONED (File Affidavit)

METHOD OF LIGHTING COMPLIANCE: ☒ COMPLETE BUILDING ☐ AREA CATEGORY ☐ TAILORED ☐ PERFORMANCE

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements. The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR: PIETER COLENBRANDER | SIGNATURE | DATE: 2/15/05

The Principal Lighting Designer hereby certifies that the proposed lighting design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting requirements contained in the applicable parts of Sections 110, 119, 130 through 132, 146, and 149 of Title 24, Part 6.

Please check one:

☒ I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer or electrical engineer, or I am a licensed architect.

☐ I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.

☐ I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections 5537, 5538, and 6737.1.

(These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)

PRINCIPAL LIGHTING DESIGNER/NAME: PIETER COLENBRANDER | SIGNATURE | DATE: 2/15/05 | LIC. #: 14738

LIGHTING MANDATORY MEASURES

Indicate location on plans of Note Block for Mandatory Measures: E0.3

INSTRUCTIONS TO APPLICANT

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.
LTG-1: Required on plans for all submittals. Part 2 and 3 may be incorporated in schedules on plans.
LTG-2: Required for all submittals.
LTG-3: Optional. Use only if lighting control credits are taken.
LTG-4: Optional. Part 2 and 3 and LTG-5 are optional if Tailored Method is used.

Nonresidential Compliance Form — January 2001

TITLE 24 LIGHTING MANDATORY MEASURES
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

Section 131(f) - CONTROL OF EXTERIOR LIGHTING

☒ All permanently installed exterior luminaries attached to or powered by the electrical service in buildings that contain conditioned space(s) are controlled by a directional photocell or astronomical time switch that automatically turns off.

☐ One or more exterior luminaries on the project are exempt from the requirements of section 131(f) because they are lights in parking garages, tunnels, or large covered areas that require illumination during daylight hours.

Section 132 - TANDEM WIRING FOR TWO-LAMP BALLASTS

☐ All one and three lamp fluorescent fixtures located in the same room, on the same switch control, and within 10 feet of each other are tandem wired with two-lamp ballasts where required by Standards Section 132.

☒ All one and three lamp fluorescent fixtures are specified with electronic high-frequency type ballast's and are exempt from the two-lamp tandem wiring requirement.

LIGHTING COMPLIANCE SUMMARY — LTG-2
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

ACTUAL LIGHTING POWER

LUMINAIRE NAME	TYPE DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT Y	CEC DEFAULT N	TOTAL WATTS
FM4	LINEAR FLUOR PENDANT	2	236	☐	☒	472
FM5	LINEAR FLUOR PENDANT	1	354	☐	☒	354
FN1	WALL MTD LINEAR FLUOR	2	176	☐	☒	352
FN2	WALL MTD LINEAR FLUOR	4	234	☐	☒	936
FN3	WALL MTD LINEAR FLUOR	2	293	☐	☒	586
FN4	WALL MTD LINEAR FLUOR	2	351	☐	☒	702
FN5	WALL MTD LINEAR FLUOR	4	410	☐	☒	1640
FN6	WALL MTD LINEAR FLUOR	2	644	☐	☒	1288
FN7	WALL MTD LINEAR FLUOR	4	59	☐	☒	236
FN8	WALL MTD LINEAR FLUOR	6	176	☐	☒	1056
FN9	WALL MTD LINEAR FLUOR	2	177	☐	☒	354
			SUBTOTAL FROM THIS PAGE			7976
			PLUS SUBTOTAL FROM CONTINUATION PAGE			15079
			PORTABLE LIGHTING (From LTG-1 Part 3 of 3)			
			LESS CONTROL CREDIT WATTS (FROM LTG-3)			
			ADJUSTED ACTUAL WATTS			CONTINUED

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From § 146(b) Table 1-M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS

AREA CATEGORY METHOD

AREA CATEGORY (From § 146(b) Table 1-N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
NOT USED			
		TOTALS	

TAILORED METHOD

NOT USED — TOTAL ALLOWED WATTS (From LTG-4)

Nonresidential Compliance Form — January 2001

CERTIFICATE OF COMPLIANCE — (Part 2 of 3) LTG-1
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

INSTALLED LIGHTING SCHEDULE

NAME	LUMINAIRE DESCRIPTION	LAMPS: TYPE DESCRIPTION	LAMPS: QTY.	LAMPS: WATTS PER LAMP	BALLASTS: TYPE DESCRIPTION	LUMINAIRE: QTY.	LUMINAIRE: QTY.	LUMINAIRE: WATTS/ LUMIN.	TOTAL WATTS
FR1	FLUOR / MH	SEE REMARKS	5	30	ELECTRONIC	3	3	150	450
FR2	FLUOR / MH	SEE REMARKS	5	30	ELECTRONIC	3	2	150	300
FR3	FLUOR / MH	SEE REMARKS	5	30	ELECTRONIC	3	2	150	300
FS	FLUORESCENT	F32T8/835	4	32	ELECTRONIC	2	5	118	590
FT	FLUORESCENT	F32T8/835	2	32	ELECTRONIC	1	17	59	1003
FV	FLUORESCENT	F32T8/835	3	32	ELECTRONIC	2	11	90	990
FW	FLUORESCENT	FT27W/835	2	27	ELECTRONIC	1	13	50	650
MF	METAL HALIDE	SEE REMARKS	2	100	ELECTRONIC	2	4	190	760
MJ	METAL HALIDE	MH39T6/B30	1	39	ELECTRONIC	1	16	50	800
							SUBTOTAL FROM THIS PAGE		5843
							PLUS SUBTOTAL FROM CONTINUATION PAGE		23055
							PORTABLE LIGHTING (From LTG-1 Part 3 of 3)		0
							LESS CONTROL CREDIT WATTS (From LTG-3)		0
							ADJUSTED ACTUAL WATTS		28898

Lighting Schedule on Plans Shows Exterior Lighting Meets
☐ Efficacy and Control Requirements of § 130(b)
☐ Control Requirements of § 131(f)

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Desg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED: TYPE	LUMINAIRES CONTROLLED: QTY.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form — January 2001

CERTIFICATE OF COMPLIANCE — (Part 2 of 3) LTG-1
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

INSTALLED LIGHTING SCHEDULE

NAME	LUMINAIRE DESCRIPTION	LAMPS: TYPE DESCRIPTION	LAMPS: QTY.	LAMPS: WATTS PER LAMP	BALLASTS: TYPE DESCRIPTION	LUMINAIRE: QTY.	LUMINAIRE: QTY.	LUMINAIRE: WATTS/ LUMIN.	TOTAL WATTS
A	INCANDESCENT	SEE REMARKS	2	100	NONE	0	2	200	400
FA1	FLUORESCENT	CFTR32W/835	1	32	ELECTRONIC	1	12	34	408
FA2	FLUORESCENT	CFTR32W/835	1	32	ELECTRONIC	1	10	34	340
FA3	FLUORESCENT	CFTR32W/835	1	32	LUTRON HI-LUME	1	9	34	306
FA4	FLUORESCENT	CFTR32W/835	1	32	ELECTRONIC	1	11	34	374
FA5	FLUORESCENT	CFTR32W/835	1	32	ELECTRONIC	1	8	34	272
FA6	FLUORESCENT	CFTR32W/835	1	32	ELECTRONIC	1	4	34	136
FAA1	FLUORESCENT	F32T8/835	1	32	ELECTRONIC	1	9	31	279
FAA2	FLUORESCENT	F32T8/835	2	32	ELECTRONIC	1	7	59	413
FAB	FLUORESCENT	F32T8/835	1	32	ELECTRONIC	1	16	31	496
FB	FLUORESCENT	CFTR32W/835	1	32	ELECTRONIC	1	33	34	1122
							SUBTOTAL FROM THIS PAGE		4546
							PLUS SUBTOTAL FROM CONTINUATION PAGE		0
							PORTABLE LIGHTING (From LTG-1 Part 3 of 3)		
							LESS CONTROL CREDIT WATTS (From LTG-3)		
							ADJUSTED ACTUAL WATTS		CONTINUED

Lighting Schedule on Plans Shows Exterior Lighting Meets
☒ Efficacy and Control Requirements of § 130(b)
☒ Control Requirements of § 131(f)

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD
ELECTRICAL 107	LCP1, LCP2, LCP3	AUTOTIME SWITCH	ENTIRE BUILDING	

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Desg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED: TYPE	LUMINAIRES CONTROLLED: QTY.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form — January 2001

LIGHTING COMPLIANCE SUMMARY — LTG-2
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

ACTUAL LIGHTING POWER

LUMINAIRE NAME	TYPE DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT Y	CEC DEFAULT N	TOTAL WATTS
FR1	FLUOR/MH PENDANT	3	150	☐	☒	450
FR2	FLUOR/MH PENDANT	2	150	☐	☒	300
FR3	FLUOR/MH PENDANT	2	150	☐	☒	300
FS	FLUOR STRIP	5	118	☐	☒	590
FT	RECESSED FLUOR 2X4	17	59	☐	☒	1003
FV	RECESSED FLUOR 2X4	11	90	☐	☒	990
FW	FLUOR WALL SCONCE	13	50	☐	☒	650
MF	RECESSED MH ACCENT	4	190	☐	☒	760
MJ	SURFACE MH DOWNLIGHT	16	50	☐	☒	800
				☐	☐	
				☐	☐	
			SUBTOTAL FROM THIS PAGE			5843
			PLUS SUBTOTAL FROM CONTINUATION PAGE			23055
			PORTABLE LIGHTING (From LTG-1 Part 3 of 3)			0
			LESS CONTROL CREDIT WATTS (FROM LTG-3)			0
			ADJUSTED ACTUAL WATTS			28898

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From § 146(b) Table 1-M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS
CONVENTION CENTERS	1.4	23600	33040

AREA CATEGORY METHOD

AREA CATEGORY (From § 146(b) Table 1-N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
NOT USED			
		TOTALS	

TAILORED METHOD

NOT USED — TOTAL ALLOWED WATTS (From LTG-4)

Nonresidential Compliance Form — January 2001

LIGHTING COMPLIANCE SUMMARY — LTG-2
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

ACTUAL LIGHTING POWER

LUMINAIRE NAME	TYPE DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (Including Ballast)	CEC DEFAULT Y	CEC DEFAULT N	TOTAL WATTS
A	RECESSED INCAN ACCENT	2	200	☒	☐	400
FA1	RECESSED FLUOR DOWNLIGHT	12	34	☐	☒	408
FA2	RECESSED FLUOR WALLWASH	10	34	☐	☒	340
FA3	RECESSED FLUOR DOWNLIGHT	9	34	☐	☒	306
FA4	RECESSED FLUOR DOWNLIGHT	11	34	☐	☒	374
FA5	RECESSED FLUOR DOWNLIGHT	8	34	☐	☒	272
FA6	RECESSED FLUOR DOWNLIGHT	4	34	☐	☒	136
FAA1	SURFACE FLUOR WRAP	9	31	☐	☒	279
FAA2	SURFACE FLUOR WRAP	7	59	☐	☒	413
FAB	SURF FLUOR TASK	16	31	☐	☒	496
FB	RECESSED FLUOR DOWNLIGHT	33	34	☐	☒	1122
			SUBTOTAL FROM THIS PAGE			4546
			PLUS SUBTOTAL FROM CONTINUATION PAGE			0
			PORTABLE LIGHTING (From LTG-1 Part 3 of 3)			
			LESS CONTROL CREDIT WATTS (FROM LTG-3)			
			ADJUSTED ACTUAL WATTS			CONTINUED

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (From § 146(b) Table 1-M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS

AREA CATEGORY METHOD

AREA CATEGORY (From § 146(b) Table 1-N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
NOT USED			
		TOTALS	

TAILORED METHOD

NOT USED — TOTAL ALLOWED WATTS (From LTG-4)

Nonresidential Compliance Form — January 2001

CERTIFICATE OF COMPLIANCE — (Part 2 of 3) LTG-1
PROJECT NAME: MOUNTAIN VIEW SENIOR CENTER | DATE: 2/15/05

INSTALLED LIGHTING SCHEDULE

NAME	LUMINAIRE DESCRIPTION	LAMPS: TYPE DESCRIPTION	LAMPS: QTY.	LAMPS: WATTS PER LAMP	BALLASTS: TYPE DESCRIPTION	LUMINAIRE: QTY.	LUMINAIRE: QTY.	LUMINAIRE: WATTS/ LUMIN.	TOTAL WATTS
FD	FLUORESCENT	CFQ26W/835	4	26	ELECTRONIC	2	25	96	2400
FE	FLUORESCENT	CFQ26W/835	12	26	ELECTRONIC	6	2	288	576
FF	FLUORESCENT	CFQ13W/835	2	13	ELECTRONIC	1	14	29	406
FG	FLUORESCENT	CFQ26W/835	24	26	ELECTRONIC	12	3	576	1728
FK1	FLUORESCENT	F28T5/835	4	28	ELECTRONIC	2	8	126	1008
FK2	FLUORESCENT	F28T5/835	4	28	ELECTRONIC	2	8	126	1008
FL1	FLUORESCENT	FT40/835	2	40	ELECTRONIC	1	15	86	1290
FL2	FLUORESCENT	FT40/835	2	40	ELECTRONIC	2	14	94	1316
FM1	FLUORESCENT	F32T8/835	4	32	ELECTRONIC	2	3	118	354
FM2	FLUORESCENT	F32T8/835	6	32	ELECTRONIC	3	1	177	177
FM3	FLUORESCENT	F32T8/835	9	32	ELECTRONIC	9	1	270	270
							SUBTOTAL FROM THIS PAGE		10533
							PLUS SUBTOTAL FROM CONTINUATION PAGE		4546
							PORTABLE LIGHTING (From LTG-1 Part 3 of 3)		
							LESS CONTROL CREDIT WATTS (From LTG-3)		
							ADJUSTED ACTUAL WATTS		CONTINUED

Lighting Schedule on Plans Shows Exterior Lighting Meets
☐ Efficacy and Control Requirements of § 130(b)
☐ Control Requirements of § 131(f)

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # or Desg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED: TYPE	LUMINAIRES CONTROLLED: QTY.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form — January 2001

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REGISTERED PROFESSIONAL ENGINEER — No.14738 Exp. 6/07 — ELECTRICAL — STATE OF CALIFORNIA

MOUNTAIN VIEW SENIOR CENTER

266 ESCUELA AVE
MOUNTAIN VIEW, CA

DATE: APRIL 18, 2005

REVISIONS:

CONSTRUCTION SET

SHEET TITLE:
TITLE 24 DOCUMENTS

DRAWN BY: RG
CHECKED BY: PJC
JOB NO: 203106

SHEET E0.3

Apr 14, 2005 - 11:48am lnichols P:\2003\MOUNTAIN_VIEW_SENIOR_CENTER-203106\CAD_E0.3-MVSC.dwg